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U.S. PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	Classification
	A	US-4,607,305	08-1986	Milo, Richard K.	360/121
	B	US-5,640,419	06-1997	Janusas, Saulius	375/239
	C	US-5,848,160	12-1998	Cai et al.	380/44
	D	US-5,959,966	09-1999	Torkkola, Kari	370/203
	E	US-6,185,309	02-2001	Attias, Hagai	381/94.1
	F	US-6,208,295	03-2001	Dogan et al.	342/378
	G	US-6,252,962	06-2001	Sagey, William E.	380/274
	H	US-6,426,977	07-2002	Lee et al.	375/259
	I	US-6,711,528	03-2004	Dishman et al.	702/189
	J	US-6,845,164	01-2005	Gustafsson, Tony	381/94.1
	K	US-			
	L	US-			
	M	US-			

FOREIGN PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Country	Name	Classification
	N					
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	Q					
	R					
	S					
	T					

NON-PATENT DOCUMENTS

*		Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages)			
*	U	Abed-Meraim, K., Y. Xiang, J.H. Manton, and Y. Hua, "Blind Source Separation Using Second-Order Cyclostationary Statistics," IEEE Transactions on Signal Processing; Vol. 49, No. 4; April 2001; pp. 694-701			
*	V	Belouchrani, A., K. Abed-Meraim, J.F. Cardoso, and E. Moulines, "Blind Source Separation Techniques Using Second-Order Statistics," IEEE Transactions on Signal Processing; Vol. 45, No. 2; February 1997; pp. 434-444			
*	W	Biglieri, E., J. Proakis, and S. Shamai, "Fading Channels: Information-Theoretic and Communications Aspects," IEEE Transactions on Information Theory; Vol. 44, No. 6; October 1998; pp. 2619-2691			
*	X	Cardoso, J.F., "Blind Signal Separation: Statistical Principles," Proceedings of the IEEE; Vol. 9, No. 10, October 1998; pp. 2009-2025			

*A copy of this reference is not being furnished with this Office action. (See MPEP § 707.05(a).)
Dates in MM-YYYY format are publication dates. Classifications may be US or foreign.

Notice of References Cited	Application/Control No. 10/713,107		Applicant(s)/Patent Under Reexamination BEADLE ET AL.	
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U.S. PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	Classification
	A	US-			
	B	US-			
	C	US-			
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FOREIGN PATENT DOCUMENTS

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	N					
	O					
	P					
	Q					
	R					
	S					
	T					

NON-PATENT DOCUMENTS

*		Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages)
*	U	Cardoso, J.F. and B. Hvam Laheld, "Equivariant Adaptive Source Separation," IEEE Transactions on Signal Processing; Vol. 44, No. 12; December 1996; pp. 3017-3030
*	V	Castedo, L. and A.R. Figueiras-Vidal, "An Adaptive Beamforming Technique Based on Cyclostationary Signal Properties," IEEE Transactions on Signal Processing; Vol. 43, No. 7; July 1995; pp. 1637-1650
*	W	Chang C., Z. Ding, S.F. Yau, and F.H.Y. Chan, "A Matrix-Pencil Approach to Blind Separation of Non-White Sources in White Noise," IEEE Transactions on Signal Processing; Vol. 48, issue 3; March 2000; pp. 2485-2488
*	X	Choi, S. and A. Cichocki, "Blind Separation of Non-stationary and Temporally Correlated Sources from Noisy Mixtures," Neural Networks for Signal Processing X, 2000. Proceedings of the 2000 IEEE Signal Processing Society Workshop, Vol. 1, December 2000, pp.

*A copy of this reference is not being furnished with this Office action. (See MPEP § 707.05(a).)
Dates in MM-YYYY format are publication dates. Classifications may be US or foreign.

Notice of References Cited	Application/Control No. 10/713,107	Applicant(s)/Patent Under Reexamination BEADLE ET AL.	
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U.S. PATENT DOCUMENTS

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	A	US-			
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	D	US-			
	E	US-			
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	G	US-			
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FOREIGN PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Country	Name	Classification
	N					
	O					
	P					
	Q					
	R					
	S					
	T					

NON-PATENT DOCUMENTS

*		Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages)
*	U	Ding, Z. and T. Nguyen, "Stationary Points of Kurtosis Maximization Algorithm for Blind Signal Separation and Antenna Beamforming"; IEEE Transactions on Signal Processing; Vol. 48, No. 6; June 2000; pp. 1587-1596
*	V	Dishman, J.F., "Blind Source Separation Using a Spatial Fourth-Order Cumulant MatrixPencil"; Ph.D. Dissertation, College of Engineering, Florida Atlantic University, Boca Raton; December 2001; pp 1-200
*	W	Dogan, M.C. and J.M. Mendel, "Applications of Cumulants to Array Processing - Part I: Aperture Extension and Array Calibration"; IEEE Transactions on Signal Processing; Vol. 43, No. 5; May 1995; pp. 1200-1216
*	X	Gabriel, W.F., "Adaptive Processing Array Systems"; Proceedings of the IEEE; Vol. 80, No. 1; January 1992; pp. 152-162

*A copy of this reference is not being furnished with this Office action. (See MPEP § 707.05(a).)
Dates in MM-YYYY format are publication dates. Classifications may be US or foreign.

Notice of References Cited	Application/Control No. 10/713,107	Applicant(s)/Patent Under Reexamination BEADLE ET AL.	
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U.S. PATENT DOCUMENTS

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FOREIGN PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Country	Name	Classification
	N					
	O					
	P					
	Q					
	R					
	S					
	T					

NON-PATENT DOCUMENTS

*		Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages)
*	U	Godard, D.N., "Self-recovering Equalization and Carrier Tracking in Two-dimensional Data Communication Systems"; IEEE Transactions on Communications; Vol. COMM28; November 1980; pp. 1867-1875
*	V	Kohno, R., "Spatial and Temporal Communication Theory Using Adaptive Antenna Array"; IEEE Personal Communication; Vol. 5, No. 1; February 1998; pp. 28-35
*	W	Krim, H. and M. Viberg, "Two Decades of Array Signal Processing Research"; IEEE Signal Processing Magazine; July 1996; pp. 67-94
*	X	Nikias, C.L. and J.M. Mendel, "Signal Processing with Higher-Order Spectra"; IEEE Signal Processing Magazine; Vol. 10, No. 3; July 1993; pp. 10-37

*A copy of this reference is not being furnished with this Office action. (See MPEP § 707.05(a).)
Dates in MM-YYYY format are publication dates. Classifications may be US or foreign.

Notice of References Cited	Application/Control No. 10/713,107		Applicant(s)/Patent Under Reexamination BEADLE ET AL.	
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U.S. PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	Classification
	A	US-			
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	C	US-			
	D	US-			
	E	US-			
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FOREIGN PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Country	Name	Classification
	N					
	O					
	P					
	Q					
	R					
	S					
	T					

NON-PATENT DOCUMENTS

*		Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages)			
*	U	Roy, R., A. Paulraj, T. Kailath, "Direction-of-Arrival Estimation by Subspace Rotation Methods"; Proc. ICASSP86; April 1986; pp. 2495-2498			
*	V	Schmidt, R.O., "Multiple Emitter Location and Signal Parameter Estimation"; IEEE Transactions on Antennas and Propagation; Vol. AP-34, No. 3; March 1986; pp. 276-280			
*	W	Tong, L., G. Xu, and T. Kailath, "Blind Identification and Equalization Based on SecondOrder Statistics: A Time-Domain Approach," IEEE Transactions on Information Theory, Vol. 40, No. 2, March 1994, pp. 340-349			
*	X	Van Veen, B.D. and K.M. Buckley, "Beamforming: A Versatile Approach to Spatial Filtering"; IEEE ASSP Magazine; April 1988; pp. 4-24			

*A copy of this reference is not being furnished with this Office action. (See MPEP § 707.05(a).)
Dates in MM-YYYY format are publication dates. Classifications may be US or foreign.

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FOREIGN PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Country	Name	Classification
	N					
	O					
	P					
	Q					
	R					
	S					
	T					

NON-PATENT DOCUMENTS

*		Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages)			
	U	Chen, Y; Lin, Y; "FOURTH-ORDER CUMULANT MATRICES FOR DOA ESTIMATION"; IEE Proceedings Radar, Sonar and Navigation; Vol 141, issue 3; Jun 1994; pp 144-148			
	V	Liang, J; Ding, Z ;"A SIMPLE CUMULANT BASED APPROACH FOR MULTIUSER CHANNEL IDENTIFICATION"; IEEE International Symposium on Circuits and Systems 2002; Volume 3; May 2002; pp 659-662			
	W	Liang, J; Ding, Z ;"HIGHER ORDER STATISTICAL APPROACH FOR CHANNEL ESTIMATION USING MATRIX PENCILS"; IEEE International Conference on Communications 2002; Volume 1; 28 Apr - 2 May 2002; pp 11-15			
	X	Anderson, P; Ingram, M; "THE PERFORMANCE OF THE LEAST MEAN SQUARES ALGORITHM COMBINED WITH SPATIAL SMOOTHING"; IEEE Transactions on Signal Processing; Volume 45, issue 4; Apr 1997; pp 1005-1012			

*A copy of this reference is not being furnished with this Office action. (See MPEP § 707.05(a).)
Dates in MM-YYYY format are publication dates. Classifications may be US or foreign.